

Faris Abdurrachman

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EDUCATION

New York University (NYU)

Master of Science in Quantitative Economics

Leonard N. Stern School of Business and Graduate School of Arts and Science

Graduation Date: May 2024

Universitas Indonesia

Bachelor of Arts in Economics

Graduation Date: July 2021

Honors Thesis: *DSGE Modelling of the Macroeconomic Effects of Money-financed Fiscal Stimulus: The Case of Indonesia during COVID-19* — Supervised by Dr. Chatib Basri and Dr. Beta Yulianita Gitaharie

WORK EXPERIENCE

International Monetary Fund (IMF)

2024 — Present

Research Analyst (incoming)

- Research Analyst under the Middle East and Central Asia Department (MCD) Regional Analytics and Strategy Division

NYU Stern & Goldman Sachs

2024

Research Assistant

- Supervised by the Director of the Center for the Future of Management, Robert Seamans, and the Seymour Milstein Professor of Strategy, Deepak Hegde
- Assisted in the impact evaluation of Goldman Sachs' Black in Business business incubator program, which aims to evaluate entrepreneurial outcomes for black female entrepreneurs enrolled in the program pre and post-participation
- Responsible for initial literature review in top five economics journals, questionnaire design for use in Qualtrics online survey platform, and advanced data cleaning and analysis using Stata

Prospera

2021 – 2023

Research Analyst

- Supervised projects evaluating the impact of green industrial policies, including the development of a domestic electric vehicle industry and the export-ban-induced downstream beneficiation of nickel — results were used in the design of Indonesia's 2025-2045 Long Term Development Plan
- Analyzed the impact of global price shocks caused by the Russia-Ukraine War on inflation, household consumption, and poverty using household survey data and input-output models — results were used to inform the President of Indonesia on the appropriate policy mix to tackle food and energy inflation
- Developed a platform to nowcast Indonesia's GDP on a monthly basis using leading indicators of economic activity
- Augmented IMF's Ms Muffet macro-financial early warning system using principal components and factor analysis

J-PAL Southeast Asia

2020

Research Intern

- Utilized Stata to clean unstructured survey data and perform difference-in-differences (DiD) econometric analysis for a study on the impact of COVID-19 school closures in Jakarta on student learning loss
- Assisted in the writing and proofreading of guidelines for Indonesia's first institutional review board (IRB) for researchers in the social sciences
- Assisted in the design of surveys to ensure validity for use in randomized controlled trial (RCT) studies
- Offered fast-tracked recruitment due to exceptional performance during internship

Indonesia Stock Exchange (IDX)

2019

Research Intern

- Authored a report on the comparative analysis of mergers and acquisitions regulations in ASEAN countries
- Conducted data collection and database management of 716 publicly-listed companies' financial statements to assess the effectiveness of tax exemption laws

TEACHING EXPERIENCE

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| Teaching Assistant for Microeconomics with Calculus NYU Stern (<i>to Professor Giulia Brancaccio and Professor Laetitia Placido</i>) | Spring 2024 |
| Teaching Assistant for Macroeconomics, Development Economics, Economic Modelling Universitas Indonesia (<i>to Professor Iwan Azis from Cornell University</i>) | 2021 |

AWARDS AND SCHOLARSHIPS

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| Indonesia Endowment Fund for Education Scholarship Ministry of Finance, Indonesia | 2022 — 2024 |
| • Awarded full tuition and stipend scholarship to pursue graduate education in economics abroad after undergoing a competitive selection process | |
| Winner of 2020 Fund Challenge International Monetary Fund (IMF) | 2020 |
| • Successfully became one of the 12 winners out of a total of 2,288 participants from 117 institutions and 39 countries (top 0.5%) | |
| • Received an invitation to attend the IMF-World Bank 2020 Spring Meetings in Washington D.C in-person to represent Indonesia in the competition | |
| • Presented macroeconomic analysis and policy recommendations based on a 2015 case study of Türkiye's economy to IMF department leaders and resident representatives | |
| Dean's List for Most Outstanding Student Faculty of Economics and Business, Universitas Indonesia | 2020 |
| • Awarded to the top student in the faculty cohort based on a holistic assessment of academic performance and extracurricular achievement. Ranked first out of around 700 students (top 0.1%) | |
| Central Bank of Indonesia Merit Scholarship Bank Indonesia | 2019 – 2021 |
| • Awarded stipend scholarship due to academic performance and interest in pursuing further study in economics | |
| Highest Scorer in the National University Entrance Examination Ministry of Education, Indonesia | 2017 |
| • Obtained the highest score in the social sciences track examination. Ranked first out of 382,597 exam-takers (top 0.0003%) | |

PUBLICATIONS

“Electric vehicles: a new dawn for Indonesia’s automotive industry?”, with Adhi Saputro and Salman Alamsyah. *Revitalizing Indonesia’s Manufacturing Sector*. Indonesian Ministry of Finance, forthcoming

“The Indonesian downstream industrial development experience” with Adhi Saputro and Johan Kasim. *Revitalizing Indonesia’s Manufacturing Sector*. Indonesian Ministry of Finance, forthcoming

“Half-hearted policies on mobility restrictions during COVID-19 in Indonesia: A portrait of large informal economy country” with Khoirunurrofik and Lovina Aisha. *Transportation Research Interdisciplinary Perspectives*. 2022

“Socioeconomic and policy determinants of mobility during COVID-19: Evidence from Indonesian cities” with Khoirunurrofik and Utomo Noor. *Journal of Urban Management*. 2022

CONFERENCES

2023 RIDGE Summer School for Graduate Students in Economics - Medellín, Colombia

CONSULTING PROJECTS

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| Downstream Industrial Development Roadmap Ministry of Investment, Indonesia | 2023 |
| Roadmap for Tax Reform Ministry of Finance, Indonesia | 2021 |
| Enhancing Budget Allocation of the Village Fund Program Ministry of Village, Development of Disadvantaged Regions, and Transmigration, Indonesia | 2020 |

TECHNICAL SKILLS

Matlab (Dynare), Stata, R, Eviews, L^AT_EX, Python, Julia, Tableau, Microsoft Office

LANGUAGES

Indonesian (native), English (proficient), Malay (proficient), Sundanese (rudimentary)